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MAR 04 2005

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PLEASE DELIVER DIRECTLY TO EXAMINER ERIC S. DEJONG**Fax No.:** (703) 872-9306**Total No. Pages:** 12 including this cover sheet

Message: Transmitted herewith for filing in the below-identified application is an Amendment/Response. If you do not receive all pages or if you have problems receiving transmittal, please call Gregory L. Maurer at (503) 595-5300. The fee (large entity) has been calculated as shown below.

In re application of: Kallioniemi et al.**Application No.** 10/088,269**Filed:** September 16, 2002**Confirmation No.** 8794**For:** SIGNAL COUNTING FOR IN SITU HYBRIDIZATION**Examiner:** Eric S. DeJong**Art Unit:** 1631**Attorney Reference No.** 4239-62295-01**CERTIFICATE OF FACSIMILE**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being facsimile transmitted to fax number (703) 872-9306 on the date shown below.

Attorney
for Applicant(s)Date Transmitted March 4, 2005**FEE CALCULATION FOR CLAIMS AS AMENDED**

| For | No. after amendment | No. paid for previously | Extra | Rate | Fee |
|--|---------------------|-------------------------|-------|----------|-----------------|
| Total Claims | 44 | - 46* | = | \$50.00 | \$ 0.00 |
| Indep. Claims | 2 | - 3** | = | \$200.00 | \$ 0.00 |
| One-month Extension of Time (1 month = \$120.00 2 months = \$450.00 3 months = 1,020.00) | | | | | \$120.00 |
| TOTAL FEE FOR THIS AMENDMENT | | | | | \$120.00 |

*greater of twenty or number for which fee has been paid. **greater of three of number for which fee has been paid.

- Applicants petition for an extension of time for one month(s), as indicated above. If an additional extension of time is required please consider this a petition therefor.
- Please charge this fee and any additional fees that may be required in connection with filing of this Amendment/Response to Deposit Account 02-4550.
- If the Patent and Trademark Office determines that this amendment results in an additional application size fee for pages in excess of 100, please charge the fee to Deposit Account No. 02-4550.

Gregory L. Maurer
Registration No. 43,781

March 4, 2005
Date

cc: Docketing

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PATENT

E-272-992

Attorney Reference Number 4239-62295-01
Application Number 10/088,269

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kallioniemi et al.**Application No.** 10/088,269**Filed:** September 16, 2002**Confirmation No.** 8794**For:** SIGNAL COUNTING FOR IN SITU
HYBRIDIZATION**Examiner:** Eric S. DeJong**Art Unit:** 1631**Attorney Reference No.** 4239-62295-01**CERTIFICATE OF FACSIMILE**

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Attorney
for Applicant(s)Date Transmitted March 4, 2005

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT/RESPONSE

In response to the Office Action dated January 4, 2005, please amend the above-referenced Application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2.

Remarks begin on page 9.